

Natalie Drummond Ice Dye Supply List

- **Fiber Options**
 - **Pre-Wound Tencel or Cotton Warps**
 - 4.5 Yards (5/2 or 8/2 weight) - 3 warps 50-80 ends each.
 - **Cotton Fabric**
 - Three one-yard pieces of fabric maximum; one yard for each bucket.
- *All fiber needs to be scoured ahead of the workshop. The instructor will provide instructions via a pre-workshop video.*
- **Ten Cotton Fabric Test Squares (5" x 5")**
- Dritz Cheesecloth (optional)
- **3 shallow tubs with lids** (28 quart) for muck dyeing
- **7 lb bag of ice per tub**
- **Spice Shaker/Plastic spoons/brushes to mix and apply dyes.**
- **Variety of Resists: plastic/wood clothes pins, binder clips, sewing thread, wood, or acrylic shape resists - you can also scrunch your fabric!**
- **Soda Ash** (I use Jacquard) *
- **Synthrapol** *
- **Fiber Reactive Dyes***

*If using on-hand dyes, the dyes should be relatively new or within the shelf-life of the dye. The shelf life of powdered fiber reactive dye, for example, varies from 1 to 5 years depending on the color, after that, it will gradually start to lose its strength. Storage conditions are important. Shelf-life is severely shortened by extreme heat, light, and moisture. Natalie will have dyes available for a fee if you do not have recent dyes. (See **Dye Intensity Table.**)*

** These three items will be available to purchase from the instructor. The instructor will bring a selection of custom dye colors that are reported to have a lot of splits. Participants will need to bring containers to take home a small amount of synthrapol. A material fee of \$15 - \$25 should be expected.*

Safety is a must!

- **N95 Mask or Respirator Mask with particulate filters.**
 - **Gloves - waterproof gloves that go above the wrist. Avoid gloves that have sewn seams.**
- Please see dye and Synthrapol labels for more safety details.*

Preparation Notes and Helpful Links

- **Fiber-Reactive Dye Sources:** You will need at least 4 dye colors to build a palette if just starting out. Palette is defined as a selection of colors that an artist might use. I have used all these dye sources with successful results! If you want to mix your own then use Pro-Chem, Dharma, Happy Cat Tie Dye, or DyeSpin. If you like a lot of color, you will want to use at least one dye that is reported to have a lot of color splits. Waxon Studio also has fiber reactive dyes pre-mixed with Soda Ash.
- **5/2 Tencel Sources** - 50-80 ends for each warp! Smaller batches work better in workshop experiences. Each warp should have a loose cross and choke ties on each end. Sources include Shiny Dime Fibers <https://www.shinydimefibers.com/collections/all-yarn/products/undyed-5-2-tencel-large-cone> Carr Park Artisans, Green Grass Studio
- **Spice jar shakers** or sifters are recommended for mixing and applying dyes evenly with control. Natalie gets hers from Amazon: https://www.amazon.com/Plastic-Sifters-12-Pack-Tablespoon-Capacity/dp/B07H8NFXFB?source=ps-sl-shoppingads-lpcontext&ref=fp_lfs&psc=1&smid=A3GJ1V5214K9CY
- **Soda Ash (fixer)**
- **Synthrapol** <https://prochemicalanddye.net/synthrapol-sp-1-gal.html>
- **Plastic Teaspoons**
- **Tubs:** The size of the tub is roughly 24" x 16" (28 quart) by Bella Storage Solutions. You will want to consider lids so you can stack them and let them sit undisturbed in a temperature-controlled space for a minimum of 24 hours. The Dollar Tree or a local hardware store is a good place to get tubs, or Amazon. Some have used a basement, bathtub, or a cooler when climate/temperatures are not conducive to slow melts.
- **Ice Cubes:** Bigger ice cubes work differently than crushed ice or snow. 7 pounds/container.

Dye Intensity Table

This chart can be used to assist you with ordering dyes, studying color splits, and as a reference for preparation of dyes during the workshop.

Color Name	Ounce Dye/lb Fabric	Notes: Contents and/or Splits	Dye Source:
Actius Luna		Browns Grays	Dyespin Dark Horse
Aqua		Aqua	ProChem
Alpine Blue	0.53		ProChem
Amber Waves	0.32		Waxon
Amethyst	0.38	Contains Magenta, Cerulean Blue	Waxon, ProChem
Avocado	0.61	Splits Green, Yellow	Waxon
Black Cherry*	0.64	Splits Dk Purple, Red Purple	Dharma
Bordeaux		Splits Red, Orange, Purple	ProChem
Bronze	0.38		Waxon, ProChem
Burgandy*	0.67	Splits Red, Orange	Waxon
Cayman Islands*	0.24	Splits Blue Green contains turquoise	Waxon
Coral Pink	0.46	Splits Coral, Pinks, Reds	Dharma
Herbaceous	0.32	Splits Blue Green Mustard Yellow contains Turquoise	Dharma
Hurricane Bay		Splits Blue Gray Pink Red	Happy Cat Tie-Dye
Indigo Blue*	0.64	Contains Med Blue and Navy	Waxon, ProChem
Kingfisher Blue*	0.64	Splits Green, blue	Dharma